

What the invention claimed is:

1. A ratchet wheel mounting structure comprising
a ratchet wheel mounted in a box of a wrench body and meshed with a
toothed stop block in said box, and a retainer ring mounted in between said
5 box and said ratchet wheel to secure said ratchet wheel to said box, said
ratchet wheel having teeth arranged around the periphery thereof, a
locating block at one side of the ratchet wheel , and a locating groove
being formed around the periphery of said locating block for positioning
said retainer ring, and

10 wherein each tooth of said ratchet wheel is chamfered at one end
thereof far away from the locating block; and a reinforcing bevel is
provided in the valley between roots of another ends of each two adjacent
teeth of said ratchet wheel adjacent to said locating block.

2. The ratchet wheel mounting structure as claimed in claim 1 wherein
15 said retainer ring has a C shape ring having two ends; and an inner side of
each end is chamfered.

3. A ratchet wheel mounting structure comprising
a ratchet wheel mounted in the box of a wrench body and meshed with
a toothed stop block in said box and, and a retainer ring mounted between
20 said box and said ratchet wheel to secure said ratchet wheel to said box,
said ratchet wheel having teeth arranged around the periphery thereof, a
locating block at one side thereof, and a locating groove extended around
the periphery of said locating block for the positioning of said retainer
ring,

25 wherein a pressure angle of said ratchet wheel is within 10 to 13
degrees; each tooth of said ratchet wheel is chamfered at one end far away
from the locating block; a reinforcing bevel is provided in the valley
between roots of another ends of two adjacent teeth of said ratchet wheel
adjacent to said locating block.

30 4. The ratchet wheel mounting structure as claimed in claim 3 wherein
said retainer ring has a C shape ring having two ends; and an inner side of

each end is chamfered.

5. A ratchet wheel mounting structure comprising

a ratchet wheel mounted in a box of a wrench body and meshed with a toothed stop block in said box, and a retainer ring mounted in between said box and said ratchet wheel to secure said ratchet wheel to said box, said ratchet wheel having teeth arranged around the periphery thereof, a locating block at one side of the ratchet wheel , and a locating groove being formed around the periphery of said locating block for positioning said retainer ring, and

wherein each tooth of said ratchet wheel is chamfered at two one ends.

6. The ratchet wheel mounting structure as claimed in claim 5 wherein said retainer ring has a C shape ring having two ends; and an inner side of each end is chamfered.